Section Q Spirometry & Respiratory Care Spirometers

Pony FX Desktop Spirometer

Cosmed – leaders in pulmonary function testing since 1980

Introducing a milestone in desktop spirometry – Cosmed Pony FX is a new generation portable spirometer, for pulmonary function testing in the surgery, community or occupational health setting. Pony FX has been designed to allow easy spirometry testing without sacrificing anything to functionality.

The alpha-numeric keyboard and navigator tool allow simple user access to all functions:

- enter patient data
- move rapidly through the menus
- perform all available tests
- check the test execution in real-time on the wide colour display

With Pony FX you have a choice of bi-directional turbine flowmeter (the choice of most GP practices) or Pneumotach 'Flowsafe' - a single-use system with extreme accuracy at low flow rates. Both systems meet the stringent ATS and ERS international requirements for accuracy and testing.

C09062-01-99 Pony FX Spirometer complete, (turbine flowmeter)	**£1365.00**
C09067-01-99 Pony FX Spirometer complete, (Disp Pneumotach)	**£1450.00**

Options and accessories:

C-02650-01-11 Airway Resistance Kit (Rocc)	**£1705.00**
C-02390-01-05 Oximeter i.pod SpO2 mount	**£560.00**
C-02580-01-06 Pacumotad tubes x50	**£125.50**

- All in one unit with built in alphanumeric keyboard and colour LCD display
- Tests performed: FVC (forced vital capacity), SVC (slow vital capacity), MVV (maximum voluntary ventilation), respiratory pattern and bronchial challenge test
- Pre / Post testing with reversibility
- Real time display of tests performed and comparative on-screen analysis
- Animated child incentive display
- High quality printer provides reports in seconds
- Internal memory for up to 600 tests / patients
- Flexible connectivity – USB-B and serial RS232 ports for PC connection and USB-A port for direct connection to an external printer
- Test report includes reproducibility, quality control, interpretation and estimated lung-age messages
- Tests parameters available on report include: FVC, IVC, VC, MVV, VT, FEV1, FEV6, FEV1/FEV6, FEV6/FVC, PEF, PIF, FEV1/FVC, FEF 25-75 and many more
- Automatic selection of best test
- Mains or battery powered, from internal Li-Ion battery providing 6 hours use with 2 hour charge time
- Supplied complete with PC connection software and cable, for real-time testing on the PC, management of records and storage in patient records system
- Dimensions: 198 x 238 x 76mm; weight 1.2 kg
- Supplied complete with protective carry case, turbine or PNT flow sensor, mains adaptor, PC software and USB cable, paediatric adaptor, mouthpieces, nose clips, anti-bacterial filters and printer paper 120mm

Please see pages Q15 and Q16 for our complete range of spirometry mouthpieces, filters and other accessories.

Microlab Mk8 Spirometer

Latest generation Microlab spirometer featuring a high resolution colour touch screen. Printout is via the built in fast thermal printer or via USB to a separate Hewlett Packard printer (a list of compatible printers is available on request), giving an A4 full page report.

AWS-ML3500mk8

Key features of the Microlab Mk8 include:

- Hi-res colour touch screen with stylus
- On screen help function
- 2000 test memory
- Compact, lightweight device
- Fully configurable spirometry
- Gold standard accuracy from Micro Medical turbine flow sensor
- Real time display of Flow/Volume and Volume/Time curves
- Paediatric incentive screen
- USB and RS232 outputs for PC connection with Spida 5 or Spida Xpert software
- Powered from mains 240v or internal rechargeable cell

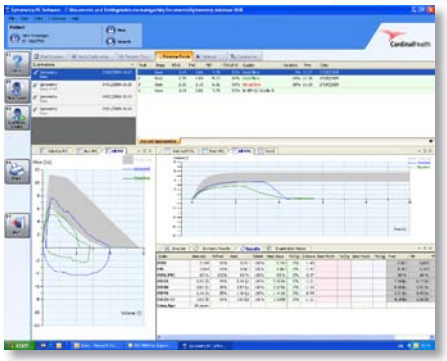
OPTIONAL:

- Pulse Oximetry Module
- Packages including PC software

AWS-ML3500mk8 Microlab Mk8 Spirometer **£1333.85**

Spirometry PC Software

With Care Fusion Spirometry PC Software you can download and manage stored tests, perform tests in real-time on the PC and connect with your patient record system. Full details of Spirometry PC software can be found on page Q6.



The following package includes the Care Fusion Microlab Mk8 and Spirometry PC software at a special price.

AWS-36-ML3500S-STK **£1539.85**
Microlab with Spirometry PC Software

AWS-SP06000

Optional SpO2 module for Microlab Mk8

- SpO2 sensor plugs directly into Microlab Mk8 for measurement of arterial oxygen saturation
- Live tests can be viewed as plethysmograph or dual SpO2 / Pulse rate graph
- On screen colour warning symbols, indicate poor saturation levels and arterial artefacts

AWS-SP06000 Microlab Mk8 SpO2 Module **£272.95**

Your local medical supplier is just a phone call away. See cover for full details

Prices shown are exclusive of VAT and delivery

Section Q Spirometry & Respiratory Care Spirometers

'Vitalograph is the world's leading provider of outstanding respiratory diagnostic, screening and monitoring devices. With a heritage spanning half a century, Vitalograph continues to make pioneering contributions to effective respiratory care and enhanced quality of life'.

Vitalograph Alpha

- **Dedicated All-In-One Desktop Unit** – simple to operate with all controls at your fingertips
- **Bright Colour LCD Display** – results and settings can be seen clearly
- **Accurate** – Fleisch pneumotachograph testing system
- **Multiple Results Parameters** – including VC, FVC, FEV1, FEV1%, PEF, FEF25-75 and more
- **Best Test Selection** – automatically selects the best test for each patient session
- **On-Screen Curve Visualisation** – volume/time and flow/volume curves
- **Multiple Pre-Tests Stored** – for subsequent retrieval and post-testing
- **CompactFlash** – removable memory card slot
- **USB PC Connection** – with report generation software
- **Rechargeable Power System** – powered from mains or internal rechargeable cells
- **Fast, Silent Thermal Printer** – print up to 140 tests per roll
- **Calibration and Accuracy Tests** – includes a facility for accuracy testing
- **Package Includes** – Alpha device, stylish carry case, accessories and user manual
- **5 year warranty**

- **Technical:**
  - Flow detection: Fleisch pneumotachograph, autoclavable
  - Accuracy:
    - Flow; +/- 10% within correct operating temperature range
    - Volume; better than +/- 3%
  - Operating temperature range:
    - ATS/ERS limits; 17-37°C
    - Design limits; 10-40°C
  - Dimensions; 300 x 250 x 75mm
  - Weight; 2kg net

20242

65002	Vitalograph Alpha	**£1095.00**

Accessories for Vitalograph Alpha:

20242	Safe-T-Way one-way mouthpieces x 200	**£33.00**
20980	Mini Safe-T-Way one-way mouthpieces x 50	**£36.95**
20303	Disposable nose clips x 200	**£61.90**
66149	Thermal paper x 5 rolls	**£76.95**
ASAF25	Anti-Bacterial Filters x 25	**£27.00**
63054	Serial spirometry record pads, 6 x 50 sheets	**£78.00**
36020	3 litre precision syringe	**£325.00**

FIVE YEAR 5 MANUFACTURERS GUARANTEE

Your local medical supplier is just a phone call away. See cover for full details

Prices shown are exclusive of VAT and delivery

New Vitalograph ALPHA Touch

New! Simple touch-screen spirometer with built-in printing and automatic PC connectivity.

The new generation Vitalograph ALPHA Touch is an easy to use, lightweight desktop spirometer that offers the benefits of portability, data integration and a built-in printer.

- Features a Fleisch Pneumotachograph, the best performing flow measuring technology in the world
- Simple icon driven menu with high resolution colour touch-screen
- Storage capacity fpr 10,000 subjects
- Automatic 2-way synchronisation of patient data and test sessions between ALPHA Touch and Spirotrac PC software
- Over 50 test parameters to choose from
- F/V and V/T curves viewable in real time
- Pre-post bronchodilator comparison
- Single or multi-breath
- % predicted or SDS scores comparison
- Hours of battery life for a full day off-site testing
- Choice of attractive incentive displays with sound effects
- Fully customisable reports including interpretation, BMI and lung age information

- **Technical:**
  - Flow detection: Fleisch pneumotachograph, autoclavable
  - Accuracy:
    - Flow; +/- 10% within correct operating temperature range
    - Volume; better than +/- 3%
  - Operating temperature range:
    - ATS/ERS limits; 17-37°C
    - Design limits; 10-40°C
  - Dimensions; 300 x 250 x 75mm
  - Weight; 2kg net

65502	Vitalograph ALPHA Touch	**£1195.00**
65602	Vitalograph ALPHA Touch with Spirotrac V software	**£1495.00**

Accessories for Vitalograph Alpha:

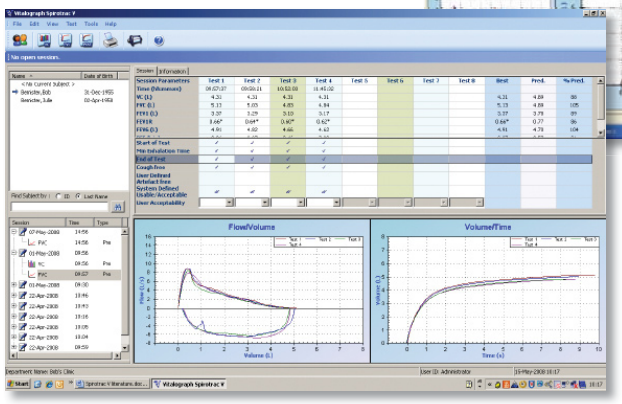
20242	Safe-T-Way one-way mouthpieces x 200	**£33.00**
20980	Mini Safe-T-Way one-way mouthpieces x 50	**£36.95**
20303	Disposable nose clips x 200	**£61.90**
66149	Thermal paper x 5 rolls	**£72.00**
ASAF25	Anti-Bacterial Filters x 25	**£27.00**
63054	Serial spirometry record pads, 6 x 50 sheets	**£78.00**
36020	3 litre precision syringe	**£325.00**

Vitalograph Spirotrac V Software

Power and sophistication made simple.

Combines the power of your Windows PC and your network with Vitalograph's proven measuring technology for early detection of respiratory disease and improved management of COPD and asthma.

- Automative FEV1 trend chart of actual and normal range data as subject is selected
- Open session, F/V and V/T curves, all test data and test quality in one view
- Automatic storage of all test data and events, including calibration log
- Built-in test quality checks
- Choice of attractive on-screen incentives
- Comprehensive, configurable reports for spirometry sessions and trending
- Fully scalable database capacity using powerful Microsoft® SQL server technology



Do you need Pulse-Oximetry with your Spirometer software? Vitalograph offer an SpO2 option for use with Spirotrac V software.

Please enquire for more details.

70200	Vitalograph Spirotrac V Software	**£500.00**
89001	Vitalink for EMIS connectivity (per annum)	**£150.00**

Your local medical supplier is just a phone call away. See cover for full details

Prices shown are exclusive of VAT and delivery

Section Q Spirometry & Respiratory Care Spirometers

Spiropalm Hand-held Spirometer

Cosmed – leaders in pulmonary function testing since 1980

Available Demo Installation & Training call today

Spiropalm is a new portable handheld device for portable spirometry screening, offering the convenience of a hand-held device with the functionality and performance of a desktop spirometer. The clear display shows the volume/time and flow/volume curves in real-time and results can be stored and recalled for later review and downloaded to the PC using the PFT Suite software supplied.

Spiropalm includes comprehensive test capabilities, including FVC (forced vital capacity), VC (relaxed vital capacity, MVV (maximum voluntary ventilation) and even bronchial challenge testing. Spiropalm uses a turbine flow sensor, which doesn't require regular calibration. Alternatively, Spiropalm+ uses disposable pneumotach sensor tubes which are calibration free and have no risk of cross-contamination.

- Bright, backlit LCD display (320 x 240 pixels) for monitoring test performance and results
- Available with a turbine flowmeter or flowsafe disposable pneumotach to prevent cross contamination
- Includes comprehensive PC software for data management and real time testing
- Heart rate and SpO2 monitoring options available
- Tests parameters available include: FVC, IVC, VC, MVV, VT, FEV1, FEV6, FEV1/FEV6, FEV6/FVC, PEF, PIF, FEV1/FVC, FEF 25-75 and many more
- Pre / Post testing with reversibility
- Test quality data, interpretation (according to ATS guidelines) and estimated lung age included
- Alpha-numeric keypad and navigation control button for easy entry of patient data and settings
- USB connection to PC or external printer and RS232 connection to PC
- Animated child incentive display
- Dimensions: 180 x 75 x 30mm; weight 390gm

C-09064-01-99	Spiropalm (turbine flow sensor)	**£925.00**
C-09064-02-99	Spiropalm+ (disposable pneumotach)	**£1090.00**
C-09064-03-99	Spiropalm 6 MWT	**£2475.00**

Spiropalm 6MWT

The Spiropalm 6MWT (6 minute walk test) has all the features of the Spiropalm spirometer and can also perform a 6 minute walk test in real-time.

- Real-time testing of standard 6MWT
- Measurement of minute Ventilation (VE), Breathing Pattern during walking, Breathing Reserve (BR) with Ventilation Limitation statement
- HR and SpO2 monitoring by Nonin®
- Evaluation of Dynamic Hyperinflation, with the measurement of Inspiratory Capacity (IC)

Spiropalm, Spiropalm+ and Spiropalm 6MWT packages include flow sensor,SpO2 module (6MWT), silicone facemask and head cap (6MWT), PC software and USB cable, user instructions, filters, mouthpieces and nose clips.

Options and Accessories:

C-02390-01-05 Oximeter Ipod (including finger clip probe)	**£560.00**
C-02580-01-06 Disposable Pneumotach tubes x50	**£125.50**

Your local medical supplier is just a phone call away. See cover for full details

Prices shown are exclusive of VAT and delivery

MicroLoop Mk8 Spirometer

- **Next Generation Portable Spirometer** – incorporating the Micro Medical mark 8 touch screen with stylus
- **Hi-Res Display** – in full colour with user friendly icons
- **'Gold-Standard' Turbine Flow Sensor** – fast, accurate readings with no routine calibration requirement
- **Key Parameters Include** – FVC, VC, FEV1, FEV1%, PEF, F50, F25, MEF and more
- **Rechargeable** – with desk top docking station for charging and PC connection (using optional Spida 5 PC software)
- **Today's Test Feature** – builds a list of patient's to be tested that day
- **Estimated Lung Age**
- **Fast Text Entry** – with on-screen keys for data and comments
- **Printer Option** – can be connected to an external printer (details of compatible printers available on request)
- **Result Interpretation** – according to ATS, BTS-NICE or Enright
- **Bronchodilator and Steroid Assessment**
- **Body Mass Index and Dyspnoea Score**
- **Includes** – MicroLoop device, accessories and hard protective case

AWS-ML3535mk8	MicroLoop Mk8 Spirometer	**£1127.85**

Spirometry PC software

Purchase the MicroLoop Mk8 complete with Spirometry PC software and make a **big saving** on the normal selling price.

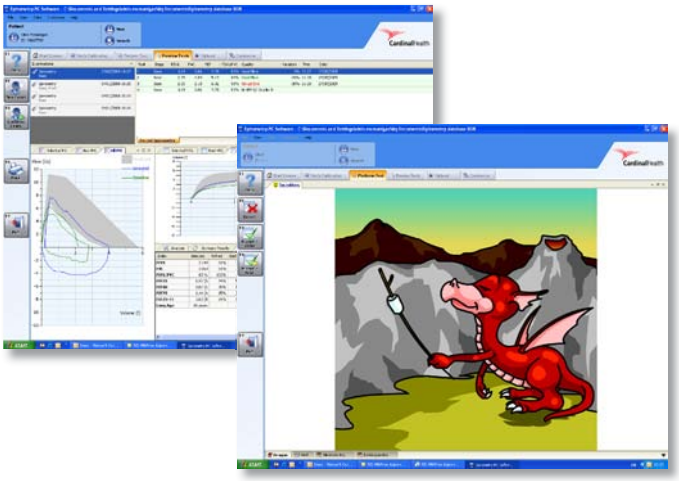
AWS-ML3535mk8package	**£1333.85**
MicroLoop Mk8 with Spirometry PC Software	**Save £230.00**

Spirometry PC Software

The new Care Fusion Spirometry PC Software replaces Spida 5 and Spida Xpert, to provide the very best in PC connectivity and data management for the Microlab Mk8 and MicroLoop Spirometers.

Designed to meet the needs of the busy physician or healthcare provider, Spirometry PC Software uses a multi-window display which allows patients to be tested with the minimal number of steps – ease of use is key!

Tests are displayed in real-time, with clear colour coding of each blow. Results are displayed in a tabulated form which allows the user to customise the display to their own preferences. Powerful search facilities allows specific patient groups to be searched dependent on demographics or results. New and historical tests can also be viewed together and overlaid for comparison.



The Care Fusion Spirometry PC Software includes export capabilities to PDF, CSV, Excel and MS Word. It can easily be linked to patient clinical records systems, including EMIS and most mainstream EMR software (link licence fee may apply).

Features:

- Real-time display or from uploaded data sent from device
- Up to 50 spirometry indices, both inspiratory and expiratory
- Quality grading of blow performance
- Lung age calculation and interpretation
- Pre and post bronchodilator comparisons
- Choice of 4 animated incentive displays
- Fully configurable display and print formats
- Powerful trend function
- Fully ATS/ERS 2005 compliant
- Display of predicted values, % predicted and Z scores

Requirements: PC with 128MB RAM, 500MB free hard disk space, 2 x USB ports and running Windows 2000, XP or Vista.

AWS-36-SPC1000	Spirometry PC Software	**£406.85**
AWS-36-SPCU1000	Spiromtery PC Software upgrade from Spida	**£169.95**
AWS-36-SPC0105	Additional user license, each	**£169.95**
AWS-EMIS01-STK	EMIS link license (per annum)	**£150.00**

AWS-36-ML3500S-STK	**£1539.85**
Microlab with Spirometry PC Software	
AWS-36-ML3535S-STK	**£1333.85**
MicroLoop with Spirometry PC Software	

Your local medical supplier is just a phone call away. See cover for full details

Prices shown are exclusive of VAT and delivery

Section Q Spirometry & Respiratory Care Spirometers

New Vitalograph In2itive Spirometer

For high quality spirometry on the move

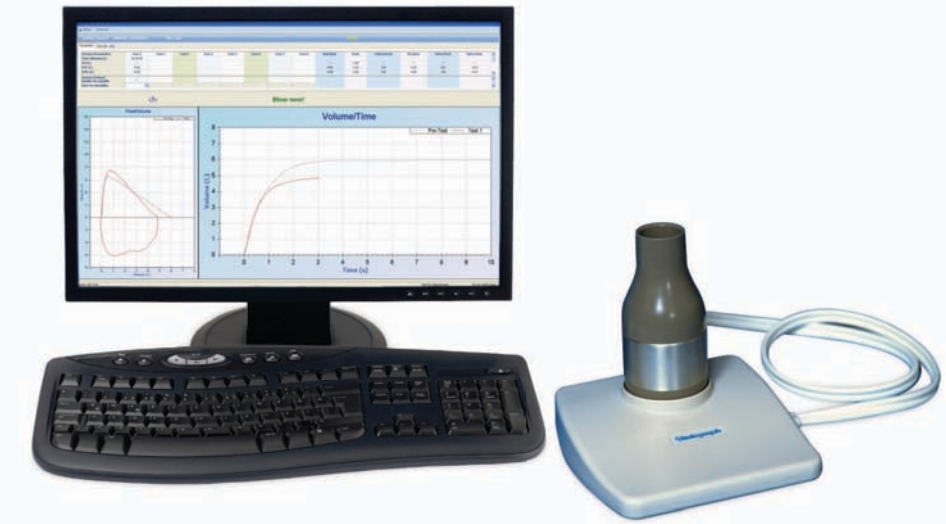
Combines the benefits of full spirometry, data integration and mobility in a small lightweight handheld spirometer

- Storage for 10,000 subjects
- Subject data from Spirotrac V may be downloaded automatically – saving time and eliminating data entry errors
- Session can be automatically transferred to and synchronized with Spirotrac V
- Colour touch-screen
- Long battery life, for a full days off-site testing
- 62 test parameters
- Choice of child incentives with sound effects
- Remote flowhead option enables the subject to view incentives while performing the test
- Print via your PC (using Spirotrac V or Vitalograph Reports software) or print direct to USB printer (using printer cradle)

79002	Vitalograph In2itive with Spirotrac V software	**£1295.00**
79402	Vitalograph In2itive with Vitalograph Reports software	**£1095.00**
79302P	Vitalograph In2itive with cradle and A4 printer	**£1295.00**

Vitalograph Pneumotrac USB

- **Pneumotrac USB** – for the long-term storage of spirometry results
- **Unparalleled Accuracy** – from the Flesich pneumotachograph system
- **Spirotrac® Software:**
  - Sophisticated, adaptable, interactive, user friendly
  - Exportable data to any spreadsheet, database or word processor application
  - Network ready, standardised communication with other databases
  - Clinical system compatible including Vision and EMIS (please call for details)
  - Storage and trending of test results
- **5 year warranty**
- **Package Includes** – Pneumotrac device, USB cable and docking station, Spirotrac® software and user manual



77002	Vitalograph Pneumotrac USB	**£1095.00**

20242

Accessories for Vitalograph Pneumotrac USB and COPD6:

20242	Safe-T-Way one-way mouthpieces x 200	**£33.00**
20980	Mini Safe-T-Way one-way mouthpieces x 50	**£36.95**
20303	Disposable nose clips x 200	**£61.90**
ASAF25	Anti-Bacterial Filters x 25	**£27.00**
36020	3 litre precision syringe	**£325.00**

Your local medical supplier is just a phone call away. See cover for full details

Prices shown are exclusive of VAT and delivery

microQuark – PC Spirometer

Cosmed – leaders in pulmonary function testing since 1980

COSMED Pulmonary Function Equipment

The new microQuark system from Cosmed is a direct-to-PC spirometer, offering all the function and performance of a desktop spirometer on your PC. It can be used with any PC, either desktop or laptop, by simply installing the application software and connecting the USB flow sensor to an available port. microQuark is the ideal low-cost solution for small clinic, family practice, GP surgery, occupational health clinic or for sports medicine.

Available Demo Installation & Training call today

- Accurate and reliable flow and volume measurements with very low flow resistance
- USB powered turbine flow sensor
- Complete database management capability with unlimited records storage
- Multiple tests can be perfomed, including FVC, VC, MVV and bronchial challenge test
- Pre / Post testing with reversibility
- Powerful post-analysis elaboration with test session comparisons, overlaps and trend analysis
- Detailed, customizable report printing and export options, including V/T and f/V curves and multiple parameters
- Software encouragement tool for children and non-cooperative patients
- Dimensions: 150 x 45 x 53mm; weight 77gm

Standard package includes: CD with PC software and instruction manual, turbine flowmeter, 2 x nose clips, communication cable, carry case, paediatric mouthpiece adaptor, conic mouthpiece, adult and paediatric mouthpieces (20 each)

C-09061-01-99	microQuark PC Spirometer	**£890.00**

Please see pages Q15 and Q16 for our complete range of Spirometry accessories

Your local medical supplier is just a phone call away. See cover for full details

Prices shown are exclusive of VAT and delivery

Section Q Spirometry & Respiratory Care Spirometers

SpiroUSB

A revolutionary new spirometer that plugs directly into the USB port of your PC, without the need for an additional docking station. With a Laptop or Notebook, SpiroUSB becomes highly portable too!

Spiro USB allows fully featured PC based spirometry in three easy steps:

1. Plug the transducer into your computer to automatically launch Spida 5
2. Click the 'New Examination' button
3. Blow into SpiroUSB and view results on the PC screen

- Precision Micro Medical 'Gold Standard' transducer
- Modern USB interface
- Spida 5 PC spirometry software included
- Measurement of up to 41 parameters – user selects those required
- Configurable printout format
- No batteries required – powered directly via PC
- For more features see the 'Spirometry PC Software' section
- Please note - PC not included

AWS-ML2525	**£1024.85**

Vitalograph Micro

- **Pocket Spirometer** – with PC connection
- **Measurable Parameters** – FVC, FEV1, FEV1%, PEF and more
- **Great Value** – low cost, reliable and robust
- **Accurate** – Fleisch type flow sensor with calibration and accuracy test facility
- **PC Connection** – complete with 'Vitalograph Reports' PC software for printing and PDF production of results
- **Report Includes:**
  - Flow/volume curve
  - Volume/time curve
  - Test quality report
  - Interpretation report
  - Predicted values
- **High Visibility LCD Display** – with large numerals and icons
- **Battery Operated**

63002	Vitalograph Micro	**£475.00**

Accessories for Vitalograph Alpha:

20242	Safe-T-Way one-way mouthpieces x 200	**£36.95**
20980	Mini Safe-T-Way one-way mouthpieces x 50	**£36.95**
20303	Disposable nose clips x 200	**£61.90**
66149	Thermal paper x 5 rolls	**£64.00**
ASAF25	Anti-Bacterial Filters x 25	**£27.00**
63054	Serial spirometry record pads, 6 x 50 sheets	**£78.00**
36020	3 litre precision syringe	**£325.00**

Vitalograph COPD6

- Identify Potential Cases of COPD, Early

- **COPD6** – revolutionary COPD screener
- **Pre-Symptomatic Screening** – for early detection of cases
- **No False Negatives** – screens out those whose FEV1 is normal and as such do not have COPD
- **Key Parameters Displayed** – obstructive index and COPD classification (stage I – IV) for interpretation
- **Other Parameters Displayed** – FEV1, FEV6, ratio, % predicted and lung age
- **Easy To Use** – simple operational controls
- **Detachable Flowhead** – rotor type, easy to clean
- **Quality-of-Blow Indicator**
- **Large LCD Display** – with icons that are easy to read
- **Suitable for Multiple Subjects**
- **Printer Version** – available with output for printer connection

40200	Vitalograph COPD6	**£69.50**
40200P	Vitalograph COPD6, printer version	**£150.00**

Your local medical supplier is just a phone call away. See cover for full details

Prices shown are exclusive of VAT and delivery

The Micro and MicroPlus Spirometers

- Micro spirometer measures FEV1, Relaxed VC and FVC
- MicroPlus spirometer measures FEV1, Relaxed VC, FVC, FEV1% and PEF
- MicroPlus has serial output for use with Spida® software
- Routine calibration not required
- Small, lightweight and portable
- Both units are supplied with carry case and lung-function calculator for predicted values

AWS-MS01 Micro Spirometer	**£200.85**
AWS-MS03 MicroPlus Spirometer	**£303.85**

Micro GP Spirometer

- Essentially the same as MicroPlus, but key in the patient details (sex, age, height) and Micro GP will calculate the predicted values
- Measures FEV1, Relaxed VC, FVC, FEV1% and PEF
- Serial output for use with Spida® software
- Routine calibration not required
- Small, lightweight and portable
- Includes carry case

AWS-GP01 Micro GP Spirometer	**£406.85**

PulmoLife

"Every GP should have one!"

What is it for?

- Quick and simple COPD screening in adult smokers
- Perfect for the Doctor's room/bag for deciding when full spirometry is required
- Encouraging patients to stop smoking

What results does it give?

- FEV1 – the measurement of choice in COPD screening
- % Predicted FEV1 – how do patients compare to normal values?
- Lung Age interpretation – meaningful and powerful information for the patient
- Visual image of a smoker - helps the patient realise the physical damage caused by smoking

Why use it?

- To save you time by quickly highlighting patients requiring a full spirometry test
- Accurate, reliable, low cost
- Every GP should have one!

PulmoLife	**£97.85**

Your local medical supplier is just a phone call away. See cover for full details

Prices shown are exclusive of VAT and delivery

Section Q Spirometry & Respiratory Care CO Monitors

Micro CO Monitor

- Designed specifically for use in smoking cessation programmes
- Also used in CO poisoning and smoke inhalation screening
- Measures Carbon Monoxide in PPM and %COHb
- Coloured light indicators:-
  Green = 0-6ppm; Yellow = 7-10ppm; Red = 11+ppm
- Can be interfaced with COBRA Windows® software
- Audible warning tone for high CO levels
- Breath hold countdown timer for more accurate assessment
- Auto zero facility
- Small, lightweight and portable in a sturdy carry case
- Calibration kit available
- Easy to use, clean and maintain

CareFusion

AWS-MC02	Micro CO Monitor	**£245.00**
CB1000	COBRA Windows® software	**£45.00**

MCGK050	Calibration Kit for Micro CO Monitor	**£96.50**
PSA1200	Mouthpieces for Micro CO monitor, pack 250	**£22.00**

pico+ Smokerlyzer

- **Benchmark CO2 Monitor** – used worldwide in smoking-cessation programs and clinical trials
- **Most Cost-Effective Option** – for motivational CO monitoring
- **Profile Settings** – for adult smokers, child smokers and pregnant women
- **Large LCD Display** – showing single ppm, %COHb, traffic light display and smoking status
- **Ideal for Smoking Cessation Groups and Clinics** – to demonstrate levels of CO and reduction in CO
- **Package Includes**:
  - Pico+ Smokerlyzer
  - Codata+ software
  - 3 step guide
  - Money box
  - Poster and chart
  - Maternity CO pack

Benefits:

- Motivates the smoker to stop
- Low maintenance costs
- Supported by a wide range of stop smoking resources
- Can be used to screen for CO poisoning and smoke inhalation
- Compatible with COdata+ software – for database building and to personalise settings

Features:

- Easy to read, with instant results
- Auto-zero and breath hold countdown timer
- Anti-bacterial filter and one-way valve for improved infection control
- Can be calibrated by non-technical staff

Technical:

- Concentration range: 0 – 80 ppm (in 1 ppm increments)
- Detection principle: electrochemical sensor
- Accuracy: +/- 2%
- Batteries: 2 x AA (LR6) alkaline
- Operating temperature: 0 – 40°C
- Sensor life: 5 years
- Warranty: 2 years
- Dimensions: 45 x 75 x 120mm
- Weight: 200g

'Calibration Gases are available on request'

AWR-BP+01	pico+ Smokerlyzer Education Package	**£169.00**

Accessories for Compact, Pico+ and Micro+ Smokerlyzer:

D-Piece **£25.50**
D-Piece one-way anti-bacterial filter, fits Compact, Pico+ and Micro+ Smokerlysers and is used with flat pack cardboard tubes (change monthly), pack 12

FP-MP/250 **£25.00**
Cardboard mouthpieces (flat-packed), fits D-piece on Compact, Pico+ and Micro+ Smokerlyzers, pack 250

Your local medical supplier is just a phone call away. See cover for full details

Prices shown are exclusive of VAT and delivery

Micro+ Smokerlyzer

- **The Most Comprehensive CO Monitor** – with the ability to analyse breath samples for adults and adolescents
- **Automatic Conversion to Foetal %COHb** – simple one-touch control
- **Chart Progress** – through the quitting process
- **Motivational Tool** – to assist in smoking cessation programs and to highlight the dangers of smoking in pregnancy
- **Custom Profiles** – for smokers who are difficult to motivate
- **Clear Colour LCD Display** – with touch-screen controls
- **View Results on Screen** – in a graph or table format
- **Internal Memory** – for up to 10 patient with results
- **Package Includes** – Micro+ Smokerlyzer, canvas carry bag, 10 D-pieces, 50 cardboard mouthpieces, Codata+ software, batteries and instruction manual

AWR-BM+01 Micro+ Smokerlyzer Education Package **£380.00**

Features:

- Readings are available in COppm and %COHb, instantly converted to foetal %COHb
- Adjustable breath-hold timer for patients unable to hold their breath
- Adult, adolescent and custom profile settings
- Low sensitivity to hydrogen and alcohol – ensures accuracy of results
- Anti-bacterial filter and one-way valve for improved infection control
- Built in maintenance reminders

Benefits:

- Low-cost, quick and reliable testing
- The only monitor you will need for all your testing needs
- Instant results indicator with green, amber, red traffic light system
- Easy to calibrate, even by non-technical staff
- Maximum reading held on display

Technical:

- Concentration range: 0 – 250 ppm (in 1 ppm increments)
- Detection principle: electrochemical sensor
- Accuracy: +/- 2%
- Batteries: 3 x AA (LR6) alkaline
- Operating temperature: 0 – 40°C
- Sensor life: 2-5 years (6 month warranty)
- Warranty: 2 years
- Dimensions: 44 x 77 x 138mm
- Weight: 250g

'Calibration Gases are available on request'

Accessories for Compact, Pico+ and Micro+ Smokerlyzer:

D-Piece **£25.50**
D-Piece one-way anti-bacterial filter, fits Compact, Pico+ and Micro+ Smokerlysers and is used with flat pack cardboard tubes (change monthly), pack 12

FP-MP/250 **£25.00**
Cardboard mouthpieces (flat-packed), fits D-piece on Compact, Pico+ and Micro+ Smokerlyzers, pack 250

Compact Smokerlyzer

- **Carbon Monoxide Tester** – a useful assist for health professionals in smoking cessation programs
- **Low Cost and Easy-to-Use** – a simple device that can provide compelling results
- **7 Level Indicators** – with familiar green, amber, red traffic light system
- Suitable for:
  - General Practice
  - Schools
  - Pharmacies
  - Health visiting services
- **First Point Testing** – prior to referral to a specialised stop-smoking service

Accessories for Compact, Pico+ and Micro+ Smokerlyzer:

D-Piece **£25.50**
D-Piece one-way anti-bacterial filter, fits Compact, Pico+ and Micro+ Smokerlysers and is used with flat pack cardboard tubes (change monthly), pack 12

FP-MP/250 **£25.00**
Cardboard mouthpieces (flat-packed), fits D-piece on Compact, Pico+ and Micro+ Smokerlyzers, pack 250

AWR-BCS01 Compact Smokeryzer **£45.00**

Your local medical supplier is just a phone call away. See cover for full details

Prices shown are exclusive of VAT and delivery

Fitmate – Nutritional and Cardio Pulmonary Assessment

Cosmed's new Fitmate series provides complete nutritional assessment and cardio-pulmonary assessment of the patient, across 3 devices.

Fitmate

Nutrition, Dietetics and Weight Management

- The first and unique desktop system for accurate, quick and simple nutritional assessment
- Measure resting energy expenditure (REE, RMR, BMR)
- Portable, compact and easy to use
- Built-in application for developing individual weight management programs
- Includes body composition analysis
- Independently validated vs. gold standard technique
- Measuring metabolism with Fitmate is now affordable and quick
- Includes a powerful PC software for data management, trends and cardiovascular risk analysis

C09066-01-99 **£4300.00**
Fitmate

Fitmate PRO

Exercise Testing and Weight Management in Health and Wellness

- Full nutritional assessment and all the features of Fitmate, plus:
  - Cardio Pulmonary exercise testing with VO2 max and sub-max, anaerobic threshold (AT) and ECG integration
  - ACSM exercise prescription (PC only)
  - VO2 / HR training zones (up to 6 zones)
  - Cardio vascular risk analysis, Framingham index (PC only)
  - Muscular endurance / strength
  - Flexibility

C09066-02-99 **£6600.00**
Fitmate PRO

Fitmate MED

Diagnostic Exercise Assessment, Cardiac Rehab and Weight Management

- All the features of Fitmate and Fitmate PRO, plus:
  - Full spirometry testing, including VC, FVC, MVV and Bronchial Dilator test
  - Indirect cardiac output (Wasserman algorithm)
  - Integrated pulse-oximeter
  - Exercise intensity for cardiac rehabilitation
  - Full on-board cardio vascular risk analysis, including Framingham Index, Duke Score, Bode Index and European Cardio Score

C09066-03-99 **£8200.00**
Fitmate MED

The Cosmed Fitmate Series measures the Resting Energy Expenditure of both adults and children, to determine the calorific requirement of the patient and suggested weight management program.

Global Specifications:

Dimensions
240 x 200 x 80mm; weight 1.5kg

Display
colour LCD, 320 x 240 pixel

Printer
12 cm high speed thermal

Power supply – internal rechargeable lithium polymer batteries, 240volt charger

Each Fitmate is supplied complete with all accessories (relevant to unit purchased) case, charger and full user instructions.

Accessories for Fitmate Series:

Fitmate Suite Software

The perfect companion for professional weight management. Includes full diet software, energy expenditure analysis and much more. Can be used with Cosmed activity monitors. Fitmate Suite PLUS includes comprehensive exercise prescription capability.

C03491-01-11 **£450.00**
Fitmate Suite, nutrition

C034910-02-11 **£650.00**
Fitmate Suite PLUS, exercise & nutrition

A-661-115-002 **£40.00**
Activity Monitor, Lifecorder STEP

C03580-01-04 **£190.00**
Activity Monitor, Lifecorder PLUS

Your local medical supplier is just a phone call away. See cover for full details

Prices shown are exclusive of VAT and delivery

Flutter

- **For Sufferers of Chest Congestion** – helps relieve mucus congestion in the small airways, when used regularly
- **Vibratory Action** – loosens mucus to help clear obstructions
- **For Sufferers of** – Chronic Bronchitis, Bronchiectasis, Emphysema, Asthma and Cystic Fibrosis
- **Useful Assist to Physiotherapy**
- **Easy To Clean** – palm size, dismantles easily and autoclaveable
- **Includes** – Flutter device and full user instructions

310.2000	Flutter	**£53.50**

Able Spacer

- **Discreet, Compact Small Volume Spacer** – improves inhaler technique for both adults and children
- **Reduces Velocity** – of the aerosol and subsequent impact on the oropharynx
- **Improves Performance** – larger proportion of aerosol particles can be inhaled
- **Coaching Signal** – helps patient maintain proper inhalation rate for maximum drug delivery
- **Suitable for Tidal Breathing** – silicone valve prevents exhaled air from entering the chamber
- **Universal** – accommodates most metered dose inhalers
- **Inhaler Storage** – store inhaler inside when not in use
- **Choice of Masks** – small, medium and large silicone face masks available (optional)

360.5490	Able Spacer - UK	**£19.00**
360.7005	Small Mask	**£4.75**
360.7006	Medium Mask	**£4.75**
360.7007	Large Mask	**£4.75**

Space Chamber

- **Improves Inhaler Use** – exact timing is not required
- **Spacer Device** – improves particle size for more efficient performance
- **Traps Large Particles** – to help prevent irritation of the mouth and throat

370.1000	Space Chamber	**£9.90**
370.1001	Space Chamber, with O2 port	**£12.00**

In-Check Dial

- **Inhaler Training Device** – mimics the resistance of popular inhalers to familiarise the patient and improve performance
- **Improved Efficiency** – achieving the optimum inspiratory flow significantly increases the amount of drug deposited in the lungs
- **Identifies Incorrect Technique**
- **Compare Optimum Results** – with reference card provided, for most popular inhaler devices
- **Calibrated for Maximum Accuracy** – when measuring inspiratory flow between 15 to 120 lpm

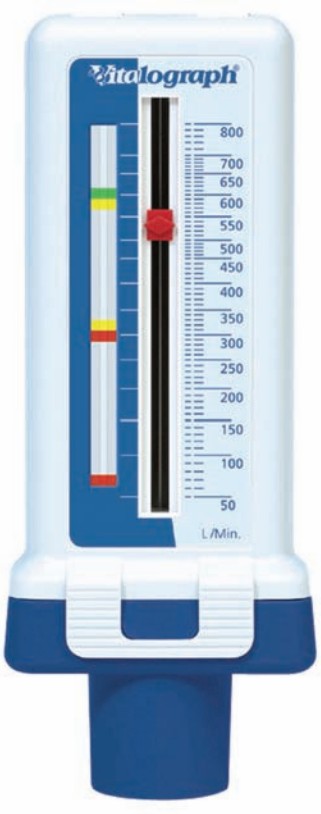
310.3900	In-Check Dial, without information scale	**£26.00**
310.9910	In-Check Dial, with information scale	**£26.00**
310.9969	In-Check Dial, with information scale 5 T&S	**£26.00**
310.9760	In-Check inhaler assessment kit	**£36.00**
310.9751	In-Check Nasal, with medium mask	**£26.00**
310.9753	Medium face mask for in-check nasal	**£5.50**
310.9756	Small face mask for in-check nasal	**£5.50**

Your local medical supplier is just a phone call away. See cover for full details

Prices shown are exclusive of VAT and delivery

Section Q Spirometry & Respiratory Care Peak Flow

Vitalograph PEF asmaPLAN+



- **Best Value Peak Flow Meter** – in the UK
- **Accurate** – from market leaders Vitalograph
- **Compact, Lightweight & Portable** – practical for home use
- **Robust & Hardwearing** – suitable for clinical use
- **Integral Mouthpiece** – comfortable
- **Suitable For All Ages** – no need for a low-range device
- **Suitable For Multi-Subject Use** – with Safe-T-Way mouthpieces
- **Conforms to EN13826:2003** – and all other peak flow standards
- **Complies to** – National Asthma Campaign, NAEP and international guidelines on asthma self management
- **Unique Features:**
  - patented dual colour sliders
  - follow the management colour zones set by the healthcare professional
  - typical settings:
    - red zone > 60% of best PEF
    - yellow zone > 80% of best PEF
    - green zone > 100% of best PEF

43602	Vitalograph asmaPLAN+	**£6.00**

Mini Wright's Peak Flow Meter

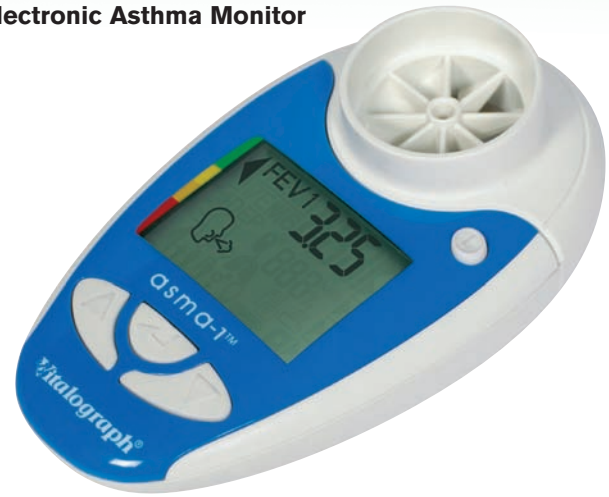
- The original Mini Wright's peak flow meter, available in standard and low range versions
- Each unit is calibrated to ensure consistent accuracy levels
- Standard measures PEF from 60 - 800 lpm
- Low range measures PEF from 30 - 400 lpm
- Integral non-return valve for hygienic protection
- Includes sterilisable mouthpiece, instructions and patient record chart
- Mouthpiece diameter 22mm, all types
- New European standard

AWS-MW10	Mini Wrights Peak Flow Meter, standard range	**£9.25**
AWS-MW20	Mini Wrights Peak Flow Meter, low range	**£9.25**
AWS-D110	Disposable mouthpieces adult, box 500	**£19.00**
AWS-D120	Disposable mouthpieces paediatric, box 100	**£8.00**

Your local medical supplier is just a phone call away. See cover for full details

Prices shown are exclusive of VAT and delivery

NEW Vitalograph asma-1 Electronic Asthma Monitor



The Vitalograph asma-1 is an easy to use, yet sophisticated, electronic asthma monitor. Monitoring asthma is now simpler and more accurate than ever before – by measuring FEV1 as well as peak flow, asma-1 gives a clearer picture of lung health.

- **Large LCD Display** – clear and easy to read
- **Stores up to 600 Test Sessions** – for review and trend analysis
- **Clearer Picture of Lung Health** – by comparing FEV1 with PEF
- **Simple and Accurate** – better than ever before
- **No Need for Record Cards**
- **Test Quality Indicator**
- **Suitable For Multi-Subject Use** – with Safe-T-Way mouthpieces
- **Battery Powered** – from AAA batteries

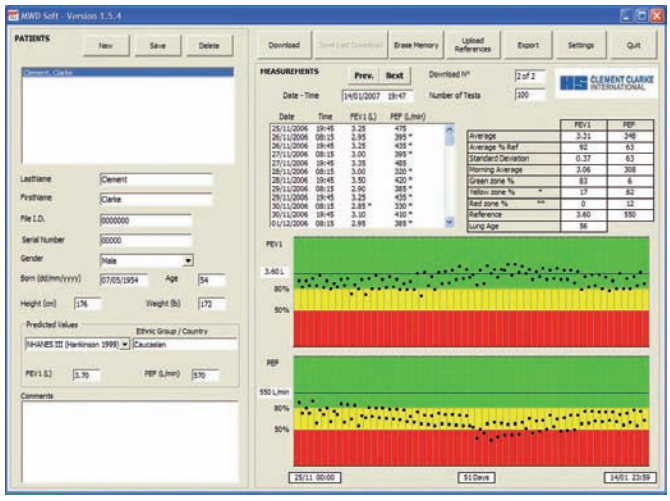
05992	asma-1 Asthma Monitor	**£35.00**

Peak Flow Mouthpieces:

20242 Safe-T-Way one-way mouthpieces x 200	**£33.00**
20980 Mini Safe-T-Way one-way mouthpieces x 50	**£33.00**
PSA1000 Mouthpieces, universal fit, box 500	**£29.00**

NEW Mini-Wright Digital

- **Latest addition to the Mini Wright Range** – the name speaks volumes
- **Measures PEF and FEV1** – for both asthma and COPD patients
- **Zoning Function** – red, yellow and green zones for percentage of best PEF achieved
- **Customisable** – zoning function can be set for personal asthma management
- **200 Test Memory** – for review and trend analysis
- **Waterproof** – allowing surface sterilisation / disinfection
- **Optional:**
  - PC Connection / Download



AWS-MWD	Mini-Wright digital	**£25.50**
AWS-MWDPC	Cradle and PC software	**£50.00**

Your local medical supplier is just a phone call away. See cover for full details

Prices shown are exclusive of VAT and delivery

Spirometry Consumables

Mouthpieces

Spirometer mouthpieces are available with or without a one-way valve and can be used with an optional anti-bacterial / viral filter. Your choice of mouthpiece will decide the level of protection, for patient and machine. All mouthpieces and filters are a universal fit for all devices.

1. **Normal Mouthpiece = NO protection**

   Your flow sensor will need to be sterilised between patients, taking valuable time (turbine sensors need to dry naturally at room temperature). You will need to use a cold sterilant such as Perasafe.

PSA1000	Mouthpieces, Micro Medical, box 500	**£29.00**
AWS-D110	Mouthpieces, universal fit, adult, box 500	**£19.00**
AWS-D120	Mouthpieces, universal fit, paediatric, box 100	**£9.00**

2. **One-Way Mouthpiece = GOOD protection**

   One-way mouthpieces are used instead of a normal mouthpiece and prevent inhalation so contaminants and particles cannot be drawn back towards the patient. In turn, these mouthpieces prevent inspiratory testing. You should still sterilise the flow sensor on a regular basis.

20242	Safe-T-Way one-way mouthpieces x 200	**£33.00**
20980	Mini Safe-T-Way one-way mouthpieces x 50	**£33.00**
SST1000	One-way safety mouthpieces x 500	**£79.50**

3. **Anti-Bacterial / Viral Filter = EXCELLENT protection**

   These filters are used with a normal mouthpiece and stop particles traveling between the patient and the flow sensor and back again. These provide the best protection and are the fastest option in clinical use. They can also be used for both expiratory and inspiratory testing.

ASAF25	Anti-Bacterial Filters x 25	**£24.00**
ASAF100	Anti-Bacterial Filters x 100	**£90.00**
ASAF200	Anti-Bacterial Filters x 200	**£170.00**

Papers

MIR - Spirolab I, II and III

910350/5	Pack of 5 rolls	**£35.00**

Vitalograph - Alpha and Compact

66149	Pack of 5 rolls	**£64.00**

Micro Medical – Microlab and Microlab Mk8

PSA1600	Pack of 5 rolls	**£29.00**
PSA1600/10	Pack of 10 rolls	**£54.00**

Perasafe

- Perasafe 81g Container, makes up to 5 litres of sterilising solution. Also available in 16.2g sachets, 162g and 810g containers
- Procedure:
  1. Mix the required solution
  2. Immerse the flow sensor in the solution for the stated time
  3. Remove flow sensor and immerse in clean demineralised water
  4. Allow to dry at room temperature

SSC5000	Perasafe 81g	**£11.50**
SSC5000/16.2/10	16.2g sachets x10	**£29.00**
SSC5000/16.2/100	16.2g sachets x100	**£225.00**
SSC5000/16.2	162g container	**£26.50**
SSC5000/810	Perasafe 810g carton	**£69.50**

Nose Clips

Micro Medical

VOL2104	Pack of 5	**£6.00**

Vitalograph Single-Use

20303	Disposable, pack of 200	**£61.90**

Guardian Spirometer Spares and Accessories

Our Guardian generic range of spirometer spares and accessories, offer all the performance and function you would expect with considerable savings over alternative 'branded' parts. Choose from a full range of mouthpieces, with and without one-way valves in adult and paediatric sizes, antibacterial filters for complete protection against cross-contamination, papers to fit all machines and nose-clips.

Paediatric Mouthpieces:

180.10.000/100 cardboard without filter x 100	**£7.00**
180.12.000/100 with one-way filter x 100	**£17.60**
180.30.000 Paed Adaptor (use with 180.10.000 / 180.12.000), each	**£0.25**
180.30.000/20 Paed Adaptor (use with 180.10.000 / 180.12.000), x 20	**£3.50**

Adult Mouthpieces:

180.20.000/100 Cardboard without filter x 100	**£3.95**
180.20.000/500 Cardboard without filter x 500	**£15.75**
180.22.000/100 with one-way filter x 100	**£12.00**
180.22.000/500 with one-way filter x 500	**£35.95**
180.26.000/100 One-way valve only adult (for use with 180.20.000) x 100	**£10.00**
180.26.000/500 One-way valve only adult (use with 180.20.000) x 500	**£25.60**

Antibacterial Filters:

180.28.000/10 Antibacterial filter x 10	**£9.00**
180.28.000/25 Antibacterial filter x 25	**£19.95**
180.28.000/100 Antibacterial filter x 100	**£79.69**

Nose Clips:

20303G Nose-clips, pack of 5	**£1.25**

Your local medical supplier is just a phone call away. See cover for full details

Prices shown are exclusive of VAT and delivery

Section Q Spirometry & Respiratory Care Oxygen Concentration

DeVilbiss Compact 5 Oxygen Concentrator

The Compact 5 delivers a constant uninterrupted supply of Oxygen to the user, immediately at the simple push of a button. Oxygen is separated from other gases within the air and delivered in a high concentration to the patient. Compact 5 does not effect the levels of Oxygen within the surrounding air. Key features include:

- High oxygen concentration levels across the whole flow range
- Maximum and variable flow of up to 5 l/pm
- OSD sensor continuously monitors oxygen levels
- Visual and audible alarms for low Oxygen levels, power failure, pressure drop and service intervals
- Easy to operate
- Solid, robust design
- Moulded handgrip for easy transportation and roller base for easy manoeuvrability
- Easy view hour meter
- Paediatric flowmeter option (please call for details)
- Take away bubble humidifier
- Low noise operation
- Dimensions 70 x 41 x 36cm
- Weight 24.5kg

Specifications

- 1 to 5 l/pm flow rate
- Concentration 93%, +/- 3%
- Noise level 50dBa
- Power consumption 365 watts

COMPACT 5	Compact 5 Oxygen Concentrator	**£995.00**

Integra 10EZ High Output Oxygen Concentrator

- **Reliable, Cost Effective Concentrator** - for serving high-flow patients
- **Up to 10 Litres-per-minute** – flow rate, in a unit the size of a 5LPM device
- **Patented ATF® module** – eliminates pressure-swings which can cause compressor failure:
  - Simplicity Equals Reliability – the Integra 10 ATF system has more than 200 less troublesome parts than similar compressors
  - One Mechanical Module – with a single moving part
  - Space Age Composite Materials
  - Self-Cleaning
  - Maintenance Free
- **Eliminates Costly Oxygen Deliveries**
- **Easy to Read** – LCD display showing oxygen flow rate
- **Reserve Gauge and Alarm** – in case of power failure
- **Simplest Controls** – on/off and O2 flow rate on easy-clean keypad
- **Zero-Clearance Air Intake** – prevents overheat if the unit is against a wall
- **Compact Cabinet** – with integrated handle and castors for improved mobility
- **Dimensions:** 584 x 394 x 470 mm (HWD)
- **Weight:** 26kg

IM-OC9621	Integra 10EZ Concentrator	**£1700.00**

Your local medical supplier is just a phone call away. See cover for full details

Prices shown are exclusive of VAT and delivery

Oxygen Mask (Medium concentration)

- Flexible and comfortable oxygen mask designed for convenient oxygen therapy
- Mask moulded from non toxic medical grade PVC
- Adjustable strap for proper positioning of mask
- Swivel connector
- 210cm (7ft) multichannel tube
- Funnel connectors
- Individually packed
- Adult and Child versions
- Master box of 50

GS2020/0	Adult medium concentration oxygen mask	**£1.45**
GS2020/1	Child medium concentration oxygen mask	**£1.45**

GS2020/0/50	Master box of 50 Adult medium concentration oxygen masks	**£57.50 (£1.15 ea)**
GS2020/1/50	Master box of 50 Child medium concentration oxygen masks	**£57.50 (£1.15 ea)**

Oxygen Mask (Variable Venturi System)

- Provides accurate concentrations of oxygen
- Transparent mask with soft anatomical form and easily adjustable strap
- Rotating connector selects according to set flow rates and percentage concentration required
- Flow Rate 6 litres per minute
  - 35%
  - 40%
  - 60%
- Flow Rate 3 litres per minute
  - 24%
  - 26%
  - 28%
  - 31%
- Unique spring loaded mechanism locks prescribed concentration level in place ensuring safety and correct oxygen concentrations
- 210cm (7ft) multichannel tube
- Non Sterile individually packed
- Master box of 50
- Adult and child versions

GS2038/0	Adult variable flow oxygen mask	**£2.05**
GS2038/1	Child variable flow oxygen mask	**£2.05**

GS2038/0/50	Master box of 50 Adult size variable concentration oxygen masks	**£92.25 (£1.85 ea)**
GS2038/1/50	Master box of 50 Child size variable concentration oxygen masks	**£92.25 (£1.85 ea)**

Oxygen Cannula

- Designed for easy application and efficient administration of oxygen
- Sliding collar for exact fit
- Twin prongs fit naturally and comfortably into the nasal passages
- Universal funnel connector
- Manufactured from soft, lightweight non toxic clear PVC
- Multichannel tube ensures continuous supply of oxygen even if tube is accidentally kinked
- Non Sterile
- Supplied individually or in a master box of 100
- Adult, child and infant sizes available
- 210cm (7ft) length

GS2016/0	Adult oxygen cannula	**£0.95**
GS2016/1	Child oxygen cannula	**£0.95**
GS2016/2	Infant oxygen cannula	**£0.95**

GS2016/0/100	Adult oxygen cannula, box of 100	**£80.00 (£0.80 ea)**
GS2016/1/100	Child oxygen cannula, box of 100	**£80.00 (£0.80 ea)**
GS2016/2/100	Infant oxygen cannula, box of 100	**£80.00 (£0.80 ea)**

Section Q Spirometry & Respiratory Care Nebulisers

Aero Mist Nebuliser Kit

- Controlled medication kits
- Soft clear aerosol mask with anatomical form ideal for long term use
- Gently rolled, feathered edges with integrated nasal bridge for extra comfort
- Swivel connector for convenience of nebulisation in horizontal and vertical position ensuring patient comfort
- Larger surface area provided by unique convex cone design ensures maximum capillary action and helps eliminate medicinal wastage
- Nebulises 3cc in 10 minutes
- Graduated fill markers
- Suitable for use with a wide range of compressors
- Complete set includes face mask (adult or child), nebulising chamber,
- 210cm (7ft) tubing with universal cone connectors.
- Optionally available with mouth piece and T connector for oral medication
- Available individually or in master box of 50 units

Aero Mist Nebuliser kit

Universal Mouthpiece Nebuliser kit

GS2074/0	Adult Aero Mist Nebuliser kit. Single Unit	**£2.99**
GS2074/1	Child Aero Mist Nebuliser kit. Single Unit	**£2.99**
GS2082/0	Universal Mouthpiece Nebuliser kit. Single Unit	**£2.99**

GS2074/0/50 Adult Aero Mist Nebuliser kit. Master box of 50	**£110.00 (£2.20 ea)**
GS2074/1/50 Child Aero Mist Nebuliser kit. Master box of 50	**£110.00 (£2.20 ea)**
GS2082/0/50 Universal Mouthpiece Nebuliser kit. Master box of 50	**£110.00 (£2.20 ea)**

Your local medical supplier is just a phone call away. See cover for full details

Prices shown are exclusive of VAT and delivery

Guardian F4000 Neb-Aid

- Modern high efficiency compact nebuliser
- Unobtrusive and quiet piston compressor
- Attractive black carry and storage case with handle and strap
- Comprehensive accessories package including:
  - Adult soft face mask
  - Child soft face mask
  - Connecting tubing
  - Nebulising chamber
  - Mouthpiece and nasal adaptor
- Air inlet filter

Specifications

Max pressure:	1.5 bar approx.
Compressor output:	9 litres per minute
Dimensions:	18 x 14 x 13cm
Weight:	1.3Kg
Case dimensions:	30 x 17 x 15cm
Case Weight:	2.25Kg
Sound level at 1mt:	56dB(A)
Compliances:	Dir.93/42/EEC
	EN60 601-1/A2

Individual Spares and Accessories

120.00.000/1	Nebulising chamber	**£2.95**
120.12.000/9	Connecting tubing	**£1.20**
120.04.000/3	Air inlet filter	**£2.95**
120.22.000/1	Adult face mask	**£2.40**
120.12.000/10	Child face mask	**£2.40**
120.12.000/6	Adult nasal prong	**£1.20**
120.12.000/7	Child nasal prong	**£1.20**
120.12.000/5	Mouthpiece	**£1.20**

120.00.000	**£57.50**
Guardian F4000 Neb-Aid with black leatherette carry case	

Spares pack includes:

- Adult or child face mask or mouthpiece
- Nebulising chamber
- Connecting tubing

GS2074/0	Adult Aero Mist Nebuliser kit. Single unit	**£2.99**
GS2074/1	Child Aero Mist Nebuliser kit. Single unit	**£2.99**
GS2082/0	Universal Mouthpiece nebuliser kit. Single unit	**£2.99**

Your local medical supplier is just a phone call away. See cover for full details

Prices shown are exclusive of VAT and delivery

Section Q Spirometry & Respiratory Care Nebulisers

Nebulair Hi-Flow Nebuliser

- Strong and reliable high output mains nebuliser, very reasonable price
- Maintenance free piston compressor
- 240v mains operated
- Compact unit with built in carry handle
- Nebulises all modern medications efficiently
- Includes 2 sets of accessories, with child and adult masks, chambers, filters, tubing and mouthpieces.
- Can be used lying down
- Specifications:- Output 3.5 bar, 1.4 Lpm high flow output: MMAD 1.49µm: weight 2.4kg: Nebulises 1ml in 1min 30secs approx
- Very quiet operation, approx. 55dBa
- 6 year guarantee

120.12.050	Nebulair Hi-Flow Nebuliser, complete	**£84.50**

Accessories for Nebulair:

120.12.050/51	Medication chamber complete*	**£2.95**
120.12.000/9	Drive-line tubing*	**£1.20**
120.12.000/53	Air inlet filter*	**£2.95**
120.12.000/52	Adult face mask*	**£2.40**
120.12.000/10	Child face mask	**£2.40**
120.12.050/58	Mouthpiece	**£1.20**
120.12.000/12	Manual air flow control valve	**£1.20**

Spares pack includes:

- Adult or child face mask or mouthpiece
- Nebulising chamber
- Connecting tubing

GS2074/0	**£2.99**
Adult Aero Mist Nebuliser kit. Single unit	
GS2074/1	**£2.99**
Child Aero Mist Nebuliser kit. Single unit	
GS2082/0	**£2.99**
Universal Mouthpiece nebuliser kit. Single unit	

Your local medical supplier is just a phone call away. See cover for full details

Prices shown are exclusive of VAT and delivery

HospiNeb – Professional High-Flow Nebuliser.

The NEW HospiNeb Nebuliser from Flaem Nuova, with high output airflow, provides fast and efficient nebulisation of all medications, from a compact mains powered device. HospiNeb is suitable for chronic respiratory conditions and severe cases, where a strong powerful unit is required to administer medications in an intensive environment.

HospiNeb is the perfect choice for the GP practice, hospital department and patient with chronic respiratory disease.

Special features of the HospiNeb include:

- **RF6plus nebuliser** – with valve system and twin delivery modes
- **Built in carry handle** – portable and practical
- **Extremely compact** – smallest device in it's class
- **Professional air purification filter**
- **Carry bag** – included as standard, holds unit and accessories
- **Accessories supplied** – RF6plus nebuliser, adult and child masks, mouthpiece with nasal prong, tubing and spare air filters (x2)
- 2 year manufacturers warranty

RF6plus Performance Specification:

Maximum delivery – 0.54ml / min (approx)

MMAD – 2.8µm

Breathable fraction <5µm (FPF) – 76%

Max fill volume – 8ml

Technical Specification:

Air output - 14LPM (approx)

Max pressure - 3.5 bar approx

Mains voltage - 240V

Sound level at 1m - 60dB (approx)

Handset weight - 1.5kg

Handset dimensions - 21cm (l) x 16cm (w) x 11cm (h)

120.12.060	HospiNeb Complete	**£87.50**

Q24

Universal Plus Ultrasonic Nebuliser

- **Electronic Ultrasonic Nebuliser** – silent, efficient nebulisation of all medications held in suspension, such as bronchodilators
- **Portable and Extremely Compact** – the Universal+ measures just 9 x 5 x 12cm!
- **Sleep Kit** – the nebuliser can be used by patients in bed via the flexible tube measuring 90cm
- **Weighted Base Plate** – holds the nebuliser in place when used in bed
- **Hygienic and Totally Washable** – the complete device can be hand washed
- **Flow Control Regulator**
- **Compact Carry Case** – with accessory pocket and shoulder strap
- **Power Supply** – mains 220-240 volt

120.10.050	Universal+ Nebuliser	**£119.00**

Accessories for Universal+:

120.12.000/52	Adult face mask	**£2.40**
120.12.000/10	Child face mask	**£2.40**
120.12.050/6	Mouthpiece	**£1.20**

- **Package Includes:**
  - Universal + with base plate
  - Flexible tube
  - Adult and child face masks
  - Mouthpiece
  - Carry case
  - User instructions

- **Technical:**
  - Maximum medication: 6ml
  - Auto switch off: after 10 minutes
  - MMAD: 1.9 µm
  - Max duration: 30 mins
  - Weight: device 200g / with accessories 1kg (approx)

Your local medical supplier is just a phone call away. See cover for full details

Prices shown are exclusive of VAT and delivery

Section Q Spirometry & Respiratory Care Nebulisers

Medix AC2000 Nebuliser

- **High Flow Rate Mains Nebuliser** – for fast, efficient nebulisation of medications in the home or professional clinical environment
- **Suitable For All Medications** – commonly prescribed for chronic and acute chest conditions
- **Durable, Compact Case** – with storage space for medications and accessories
- **Easy Controls** – suitable for children and the elderly
- **Includes:**
  - AC2000 compressor unit
  - 2 x Microneb III chambers
  - 2 x drive line tubings
  - Adult mask
  - Paediatric mask
  - Mouthpiece
  - 2 x inlet filters
- **Technical:**
  - Dimensions: 375 x 235 x 115mm
  - Weight: 2.45kg
  - Power supply: 240v mains
  - Flow rate and pressure: 7 LPM @ 20psi / 1.37 bar
  - Particle size: MMAD 3.0 µm
  - Nebulisation time: 2.5 – 5.5 min for 2.5ml
  - % particles: < 5µm 84.1%

120.AC2000	Medix AC2000 Nebuliser	**£135.00**
120.ACSB	Medix AC shoulder bag	**£22.00**

Q25

Wi.Neb and Wi.Neb *go* - Portable Nebuliser

The new Wi.Neb and Wi.Neb go are latest generation, extremely compact portable compressor nebulisers from Flaem Nuova. The unique modern aesthetics and compact dimensions belie the high performance and convenience of the device.

Wi.Neb can be used from mains 240v or 12v power supply directly and the Wi.Neb go includes a built-in Lithium Ion rechargeable battery, providing approximately 45 minutes running time from a single charge (charge time approx. 2 hours).

The Wi.Neb and Wi.Neb go are supplied with Flaem's RF7 dual-speed nebuliser chamber, drive line tubing, adult and paediatric masks, mouthpiece, nasal prong, carry case and full instructions.

Wi.Neb Nebuliser

Wi.Neb *go* Nebuliser

- Reciprocating compressor nebuliser – no maintenance or lubrication required
- Compact dimensions – 130 x 95 x 50mm; handset weight 430gm (Wi.Neb) 570gm (Wi.Neb go)
- Delivery ml/min 0.25min to 0.55 max
- MMAD 4.27µm
- Max pressure 2bar
- Sound level 52dB (A) approx.

125.25.000	Wi.Neb Nebuliser	**£179.00**
120.27.000	Wi.Neb *go* Nebuliser	**£199.00**

Your local medical supplier is just a phone call away. See cover for full details

Prices shown are exclusive of VAT and delivery

Lella the Ladybug

- **The Friendliest Nebuliser Ever** – Lella is a compressor nebuliser in the shape of a red ladybug
- **Perfect for Small Children** – the device is not intimidating and makes taking medication more fun and acceptable to children
- **Quiet Operation** – Lella hums away quietly in the background
- **Attractive Transport Case** – the zip carry case is transparent and shaped to fit Lella and all her accessories
- **'Lella the Ladybug' Story Book** – read the story of Lella to your child and help engage their imagination
- **Suitable for Bronchodilators** – and other medications held in suspension
- **Includes Rhino Clear** – for cleansing and medicating the upper airways
- **2 year warranty**

120.30.000	Lella the Ladybug Nebuliser	**£89.00**

- **Package Includes:**
  - Lella the Ladybug Compressor
  - Story Book
  - Rhino Clear Nasal Washer
  - Nebuliser Accessories
    - Chamber
    - Large and small face masks
    - Mouthpiece
    - Tubing
  - Mains supply lead
  - Instructions
  - Carry case

- **Technical:**
  - Power supply: mains 220-240 volt
  - Maximum air flow: 10 LPM
  - MMAD 3.6 µm
  - Medication capacity: 2ml (min) - 8ml (max)
  - Operating pressure: 0.9bar
  - Dimensions: 21 x 16 x 13 cm
  - Weight: 1.6kg

Accessories for Lella:

120.12.050/1	Medication chamber	**£2.95**
120.12.000/9	Connecting tubing	**£1.20**
120.04.000/3	Air inlet filter, pair	**£2.95**
120.12.000/2	Large face mask	**£2.40**
120.12.000/10	Child face mask	**£2.40**
120.12.050/6	Mouthpiece	**£1.20**

Medix World Traveller Nebuliser

- **High Flow Nebuliser** – that automatically works with any mains supply, regardless of the voltage
- **Ready Anywhere** – the most versatile nebuliser for all situations
- **Rechargeable** – built in high-capacity battery can be purchased as an optional accessory
- **12v DC Ready** – use the car lighter lead to power your world Traveller on the move
- **High Flow Output** – suitable for nebulisation of brochodilators, corticosteroids and antibiotics
- **Durable Case** – holds medications and accessories for safe transportation
- **Includes:**
  - World Traveller compressor unit
  - 2 x Microneb III chambers
  - 2 x drive line tubings
  - Adult mask
  - Paediatric mask
  - Mouthpiece
  - 2 x inlet filters

- **Technical:**
  - Dimensions: 375 x 235 x 115mm
  - Weight: 2.8kg w/o battery
  - Power supply: 110 - 240v mains 50-60 Hz AC or 12v DC
  - Flow rate and pressure: 7 – 8.5 LPM @ 20psi
  - Particle size: MMAD 3.0 µm
  - Nebulisation time: 2.5 – 5.5 min for 2.5ml
  - % particles: < 5µm 80%

120.2000WT	Medix Vario Traveller Nebuliser	**£210.00**

120.WTSB	Medix World Traveller shoulder bag	**£22.00**
120.WTBP	Rechargeable battery pack	**£65.00**

Your local medical supplier is just a phone call away. See cover for full details

Prices shown are exclusive of VAT and delivery